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=> s low sulfur gasoline

1966668 LOW

274327 SULFUR

58414 GASOLINE

L1 65 LOW SULFUR GASOLINE
(LOW(W) SULFUR(W) GASOLINE)

=> d 1-65

L1 ANSWER 1 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 2002:521569 CAPLUS
DN 137:95826
TI Membrane process for separating sulfur compounds from fcc light naphtha
IN Minhas, Bhupender S.; Chuba, Michael R.; Saxton, Robert J.
PA ExxonMobil Research and Engineering Company, USA
SO PCT Int. Appl., 28 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002053253	A1	20020711	WO 2001-US49764	20011221
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 2002111524	A1	20020815	US 2001-21800	20011212
PRAI	US 2000-258583P	P	20001228		
	US 2001-21800	A	20011212		

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 2 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 2002:353568 CAPLUS
DN 136:357319
TI Low-sulfur gasoline blending stock

IN Stuntz, Gordon Frederick; Welch, Robert Charles William; Halbert, Thomas
Risher
PA Exxonmobil Research and Engineering Company, USA
SO PCT Int. Appl., 37 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002036718	A1	20020510	WO 2001-US47318	20011030
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 2002084211	A1	20020704	US 2001-977000	20011012
PRAI	US 2000-245281P	P	20001102		
	US 2001-977000	A	20011012		

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 3 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 2002:190999 CAPLUS
TI Sulfur reduction of naphtha with membrane technology
AU White, L. S.; Lesemann, Markus
CS Membranes R&D, Grace-Davison, Columbia, MD, 21044, USA
SO Abstracts of Papers, 223rd ACS National Meeting, Orlando, FL, United States, April 7-11, 2002 (2002), PETR-015 Publisher: American Chemical Society, Washington, D. C.
CODEN: 69CKQP
DT Conference; Meeting Abstract
LA English

L1 ANSWER 4 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 2002:189475 CAPLUS
TI Sulfur analysis in fuels by ASTM D 5453 - The analyst's perspective
AU Myers, Lisa L.; Heald, Randall L.; Hammond, Melody A.
CS Phillips Research Center, Phillips Petroleum Company, Bartlesville, OK, 74004, USA
SO Abstracts of Papers, 223rd ACS National Meeting, Orlando, FL, United States, April 7-11, 2002 (2002), IEC-202 Publisher: American Chemical Society, Washington, D. C.
CODEN: 69CKQP
DT Conference; Meeting Abstract
LA English

L1 ANSWER 5 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 2001:862736 CAPLUS
DN 136:234346
TI Refinery hydrogen management for clean fuels production
AU Hallale, N.; Liu, F.
CS Advanced Process Design, Aspen Tech Ltd., Warrington, Cheshire, WA3 7RB, UK
SO Advances in Environmental Research (2001), 6(1), 81-98
CODEN: AERDDP; ISSN: 1093-0191
PB Elsevier Science Ltd.
DT Journal
LA English

RE.CNT 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 6 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 2001:510153 CAPLUS
DN 135:244688

TI Canadian refinery starts up first-of-kind gasoline desulfurization unit
AU Gardner, Rob; Schwarz, Eric A.; Rock, Kerry L.
CS Irving Oil Ltd., Saint John, NB, Can.
SO Oil & Gas Journal (2001), 99(25), 54-58
CODEN: OIGJAV; ISSN: 0030-1388
PB PennWell Publishing Co.
DT Journal
LA English

L1 ANSWER 7 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 2001:331194 CAPLUS
DN 134:328917
TI Mild hydrotreating/extraction process for low sulfur gasoline

IN Jossens, Lawrence W.; Munson, Curtis L.
PA Chevron U.S.A., Inc., USA
SO U.S., 10 pp.
CODEN: USXXAM

DT Patent
LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6228254	B1	20010508	US 1999-330762	19990611
	US 2001020596	A1	20010913	US 2001-826529	20010403
PRAI	US 1999-330762	A2	19990611		

RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 8 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 2001:228990 CAPLUS
DN 134:239973
TI Gasoline sulfur reduction in fluid catalytic cracking
IN Roberie, Terry G.; Kumar, Ranjit; Ziebarth, Michael S.; Cheng, Wu-Cheng;
Zhao, Xinjin; Bhore, Nazeer
PA W. R. Grace & Co.-Conn., USA
SO PCT Int. Appl., 29 pp.
CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001021732	A1	20010329	WO 2000-US25533	20000918
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	BR 2000014102	A	20020507	BR 2000-14102	20000918
	EP 1228167	A1	20020807	EP 2000-965111	20000918
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
PRAI	US 1999-399637	A	19990920		
	US 2000-649627	A	20000828		
	WO 2000-US25533	W	20000918		

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 9 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 2001:176127 CAPLUS
DN 134:254412
TI Exploiting synergy between FCC and feed pretreating units to improve refinery margins and produce low-sulfur fuels
AU Maddox, G. R.; Shorey, S. W.; Lomas, D. A.; Keesom, W. H.

CS .UOP Limited, Guildford, UK
SO Petroleum and Coal (1999), 41(3-4), 138-147
CODEN: PCOAFI; ISSN: 1335-1141
PB Research Institute of Petroleum and Hydrocarbon Gases
DT Journal
LA English
RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 10 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 2001:149832 CAPLUS
DN 134:224804
TI NiW/.gamma.-Al2O3 catalysts prepared by modified equilibrium deposition
filtration (MEDF) and non-dry impregnation (NDI). Characterization and
catalytic activity evaluation for the production of **low**
sulfur gasoline in a HDS pilot plant
AU Kordulis, C.; Lappas, A. A.; Fountzoula, C.; Drakaki, K.; Lycourghiotis,
A.; Vasalos, I. A.
CS Department of Chemistry, University of Patras and Institute of Chemical
Engineering & High Temperature Chemical Processes (ICE/HT), Patras, GR-265
00, Greece
SO Applied Catalysis, A: General (2001), 209(1,2), 85-95
CODEN: ACAGE4; ISSN: 0926-860X
PB Elsevier Science B.V.
DT Journal
LA English
RE.CNT 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 11 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 2001:133689 CAPLUS
DN 134:180930
TI Multistep hydrogenation-hydroprocessing-hydrodesulfurization for manuf. of
low-sulfur gasoline and naphtha
IN Didillon, Blaise; Uzio, Denis; Marchal, Nathalie
PA Institut Francais du Petrole, Fr.
SO Eur. Pat. Appl., 18 pp.
CODEN: EPXXDW
DT Patent
LA French
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1077247	A1	20010221	EP 2000-401559	20000602
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	FR 2797639	A1	20010223	FR 1999-10653	19990819
	FR 2797639	B1	20010921		
	JP 2001055584	A2	20010227	JP 2000-204009	20000705
PRAI	FR 1999-10653	A	19990819		

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 12 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 2001:118874 CAPLUS
DN 134:284884
TI Control of air pollution from new motor vehicles: heavy-duty engine and
vehicle standards and highway diesel fuel sulfur control requirements
AU Borushko, Margaret
CS U.S. EPA, National Vehicle and Fuel Emissions Laboratory, Ann Arbor, MI,
48105, USA
SO Federal Register (2001), 66(12, Bk. 2), 5001-5193, 18 Jan 2001
CODEN: FEREAC; ISSN: 0097-6326
PB Superintendent of Documents
DT Journal
LA English

L1 ANSWER 13 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 2000:900740 CAPLUS

DN . 134:58940
TI Adsorption process for producing ultra low sulfur hydrocarbon streams
IN Kaul, Bal Krishan
PA Exxonmobil Research and Engineering Company, USA
SO PCT Int. Appl., 14 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000077124	A1	20001221	WO 2000-US15261	20000602
	W: CA, CN, IN, JP, NO, RU				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	EP 1194504	A1	20020410	EP 2000-942666	20000602
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	NO 2001005927	A	20011204	NO 2001-5927	20011204
PRAI	US 1999-138687P	P	19990611		
	WO 2000-US15261	W	20000602		

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 14 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 2000:897169 CAPLUS
TI BP Amoco to introduce **low sulfur gasoline**
AU Anon.
SO Am. Ceram. Soc. Bull. (2000), 79(12), 12
CODEN: ACSBA7; ISSN: 0002-7812
PB American Ceramic Society
DT Journal; News Announcement
LA English

L1 ANSWER 15 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 2000:608440 CAPLUS
DN 133:195803
TI Two-step hydrosulfurization of cracked naphtha for production of **low-sulfur gasoline**
IN Didillon, Blaise; Uzio, Denis; Marchal, Nathalie
PA Institut Francais Du Petrole, Fr.
SO Eur. Pat. Appl., 16 pp.
CODEN: EPXXDW
DT Patent
LA French
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1031622	A1	20000830	EP 2000-400200	20000126
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	FR 2790000	A1	20000825	FR 1999-2336	19990224
	FR 2790000	B1	20010413		
	KR 2000058095	A	20000925	KR 2000-7748	20000218
	JP 2000239668	A2	20000905	JP 2000-47191	20000224
PRAI	FR 1999-2336	A	19990224		

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 16 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 2000:517011 CAPLUS
DN 133:179986
TI Getting sulfur on target
AU Halbert, Thomas R.; Brignac, Garland B.; Greeley, John P.; Demmin, Richard A.; Roundtree, Eugene M.
CS ExxonMobil Process Research Laboratories, USA
SO Hydrocarbon Engineering (2000), 5(6), 31-34, 36
CODEN: HYENF5
PB Palladian Publications Ltd

DT - Journal

LA English

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 17 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 2000:424209 CAPLUS
DN 133:76244
TI Improve reforming catalyst performance
AU Senn, Dwayne R.; Lin, Fan-Nan; Wuggazer, Tom
CS Phillips Petroleum Company, Bartlesville, OK, USA
SO World Refining (2000), 10(4), 48-49
CODEN: WOREF2; ISSN: 1524-9840
PB Phillips International, Inc.
DT Journal
LA English

L1 ANSWER 18 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 2000:351611 CAPLUS
DN 132:350029
TI Desulfurization of olefinic gasoline with a dual functional catalyst at
low pressure
IN Fletcher, David Lee; Hilbert, Timothy Lee; Shih, Stuart Shan-San
PA Mobil Oil Corporation, USA
SO PCT Int. Appl., 21 pp.
CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000029509	A1	20000525	WO 1999-US24976	19991025
	W: CA, JP, SG				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,				
	PT, SE				
	CA 2318061	AA	20000525	CA 1999-2318061	19991025
	EP 1047753	A1	20001102	EP 1999-958671	19991025
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
	IE, FI				
PRAI	US 1998-192683	A	19981116		
	WO 1999-US24976	W	19991025		

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 19 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 2000:351239 CAPLUS
DN 132:350027
TI Process for the production of low sulfur gasolines
IN Didillon, Blaise; Uzio, Denis; Nocca, Jean-luc; Cosyns, Jean
PA Institut Francais Du Petrole, Fr.
SO Eur. Pat. Appl., 13 pp.
CODEN: EPXXDW

DT Patent
LA French

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1002853	A1	20000524	EP 1999-402792	19991109
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
	IE, SI, LT, LV, FI, RO				
	FR 2785908	A1	20000519	FR 1998-14480	19981118
	KR 2000035520	A	20000626	KR 1999-51003	19991117
	CN 1253993	A	20000524	CN 1999-124834	19991118
	JP 2000160169	A2	20000613	JP 1999-328071	19991118
	US 6334948	B1	20020101	US 1999-443152	19991118
PRAI	FR 1998-14480	A	19981118		

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 20 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 2000:330726 CAPLUS
TI Biodesulfurization of gasoline: An assessment of technical and economic
feasibility and outline of R&D roadmap toward commercialization.
AU Atlas, R. M.; Boron, D. J.; Deeever, W. R.; Johnson, A. R.; McFarland, B.
L.; Meyer, J. A.
CS Biology Dept, University of Louisville, Louisville, KY, 40292, USA
SO Book of Abstracts, 219th ACS National Meeting, San Francisco, CA, March
26-30, 2000 (2000), IEC-269 Publisher: American Chemical Society,
Washington, D. C.
CODEN: 69CLAC
DT Conference; Meeting Abstract
LA English

L1 ANSWER 21 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 2000:263659 CAPLUS
DN 132:336566
TI Produce low sulfur gasoline via FCC feed
pretreatment
AU Bavaro, Vito
CS Criterion Catalysts, Houston, TX, USA
SO World Refining (2000), 10(2), 30,32,34-37
CODEN: WOREF2; ISSN: 1524-9840
PB Phillips International, Inc.
DT Journal; General Review
LA English
RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 22 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 2000:201052 CAPLUS
DN 132:210069
TI Deep desulfurization of FCC gasoline at low temperatures to maximize
octane-barrel value
IN Shih, Stuart S.
PA Mobil Oil Corporation, USA
SO U.S., 8 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6042719	A	20000328	US 1998-192650	19981116
	WO 2000029510	A1	20000525	WO 1999-US24848	19991025
	W: CA, JP, SG				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	EP 1157082	A1	20011128	EP 1999-972245	19991025
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
PRAI	US 1998-192650	A	19981116		
	WO 1999-US24848	W	19991025		

RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 23 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 2000:12344 CAPLUS
DN 132:110207
TI Catalysts in the refining industry
AU Clause, Olivier; Mabilon, G.
CS Division Cinetique et Catalyse, IFP, Rueil-Malmaison, Fr.
SO Petrole et Techniques (1999), 422, 15-21
CODEN: PETEDX; ISSN: 0152-5425
PB Association Francaise des Techniciens et Professionnels du Petrole
DT Journal; General Review
LA French
RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 24 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 1999:803696 CAPLUS
TI Low-sulfur gasoline facility planned
AU Anon.
SO Chem. Eng. Prog. (1999), 95(12), 20
CODEN: CEPRA8; ISSN: 0360-7275
PB American Institute of Chemical Engineers
DT Journal; News Announcement
LA English

L1 ANSWER 25 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 1999:418659 CAPLUS
DN 131:75774
TI Consider latest low cost breakthrough for low sulfur gasoline
AU Irvine, R.; Benson, B.; Varraveto, D.; Frye, R.
CS Black & Veatch Pritchard Inc., Overland Park, KS, USA
SO World Refining (1999), (Sulfur 2000), 18-20, 22, 24, 26
CODEN: WOREF2
PB Hart Publications, Inc.
DT Journal; General Review
LA English
RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 26 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 1999:405425 CAPLUS
DN 131:60781
TI Motor fuels in 21st century. Superlow-sulfur gasoline and diesel
AU Chen, Huimin
CS China Petrochemicals Industry Group Co., Beijing, 100029, Peop. Rep. China
SO Lianyou Sheji (1999), 29(5), 8-12
CODEN: LISHEM; ISSN: 1002-106X
PB Lianyou Sheji Bianjibu
DT Journal; General Review
LA Chinese

L1 ANSWER 27 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 1999:90454 CAPLUS
DN 130:127331
TI Production of BTX and gasoline blending stock from cracker and coker naphthas
IN Angevine, Philip Jay; Timken, Hye Kyung Cho
PA Mobil Oil Corporation, USA
SO Eur. Pat. Appl., 21 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 893487	A1	19990127	EP 1997-305631	19970725
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	BR 9704308	A	19990525	BR 1997-4308	19970811
PRAI	EP 1997-305631		19970725		

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 28 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 1999:34973 CAPLUS
DN 130:97904
TI Fatty acid amide lubricity aids and related methods for improvement of lubricity of fuels
IN Gentry, David R.; Stehlin, Mark P.; Weers, Jerry J.
PA Baker Hughes, Inc., USA
SO PCT Int. Appl., 25 pp.
CODEN: PIXXD2

DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9900467	A1	19990107	WO 1998-US13266	19980626
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9881690	A1	19990119	AU 1998-81690	19980626
	JP 2001524161	T2	20011127	JP 1999-505746	19980626
	TW 409143	B	20001021	TW 1998-87110484	19981223
PRAI	US 1997-883634	A	19970626		
	WO 1998-US13266	W	19980626		

RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 29 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 1999:15680 CAPLUS
DN 130:143261
TI Exhaust emissions of a vehicle with a gasoline direct-injection engine
AU Cole, Roger L.; Poola, B.; Sekar, Raj
CS Argonne National Laboratory, USA
SO Society of Automotive Engineers, [Special Publication] SP (1998),
SP-1399(Direct Injection: Engines, Emissions, and Aftertreatment), 67-77
CODEN: SAESA2; ISSN: 0099-5908
PB Society of Automotive Engineers
DT Journal
LA English

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 30 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 1998:790646 CAPLUS
DN 130:27081
TI Hydrocarbon upgrading process
IN Collins, Nick Allen; Teitman, Gerald Joseph; Durand, Paul Pierce; Hilbert, Timothy Lee; Trewella, Jeffrey Charles
PA Mobil Oil Corp., USA
SO PCT Int. Appl., 23 pp.
CODEN: PIXXD2
DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9853030	A1	19981126	WO 1998-US9580	19980512
	W: BR, CA, CN, CZ, KR, MX, PL, RU, SG				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	EP 983329	A1	20000308	EP 1998-921115	19980512
	R: AT, DE, ES, FR, GB, IT, NL, PT				
	BR 9809455	A	20000620	BR 1998-9455	19980512
PRAI	US 1997-862238	A	19970523		
	WO 1998-US9580	W	19980512		

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 31 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 1998:790645 CAPLUS
DN 130:27080
TI Benzene conversion in improved gasoline upgrading process
IN Borghard, William Stern; Collins, Nick Allen; Durand, Paul Pierce; Hilbert, Timothy Lee; Trewella, Jeffrey Charles

PA Mobil Oil Corp., USA
SO PCT Int. Appl., 27 pp.
CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9853029	A1	19981126	WO 1998-US9581	19980512
	W: BR, CA, CN, CZ, KR, MX, PL, RU, SG				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5865987	A	19990202	US 1997-862229	19970523
	EP 988356	A1	20000329	EP 1998-920370	19980512
	R: AT, DE, ES, FR, GB, IT, NL, PT				
	BR 9809454	A	20000620	BR 1998-9454	19980512
PRAI	US 1997-862229	A	19970523		
	US 1995-499239	B1	19950707		
	WO 1998-US9581	W	19980512		

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 32 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 1998:484061 CAPLUS
DN 129:191226
TI Biocatalytic sulfur removal from fuels: applicability for producing
low sulfur gasoline
AU McFarland, Beverly L.; Boron, David J.; Deever, William; Meyer, J. A.;
Johnson, Axel R.; Atlas, Ronald M.
CS MicroBioTech Consulting, Davis, CA, 95616-2718, USA
SO Critical Reviews in Microbiology (1998), 24(2), 99-147
CODEN: CRVMAC; ISSN: 1040-841X
PB CRC Press LLC
DT Journal; General Review
LA English

L1 ANSWER 33 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 1997:735816 CAPLUS
DN 128:24786
TI Production of benzene, toluene, and xylene (BTX) from FCC naphtha
IN Timken, Hye Kyung C.; Angevine, Philip J.
PA USA
SO U.S., 14 pp.
CODEN: USXXAM

DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5685972	A	19971111	US 1995-502733	19950714
	AU 731035	B2	20010322	AU 1997-28794	19970722
	AU 9728794	A1	19990204		
PRAI	US 1995-502733	A	19950714		

L1 ANSWER 34 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 1997:475034 CAPLUS
DN 127:111088
TI Naphtha upgrading process
IN Timken, Hye Kyung C.; Riedinger, Sherri L.
PA Mobil Oil Corporation, USA
SO U.S., 11 pp., Cont.-in-part of U.S. 5,411,658.
CODEN: USXXAM

DT Patent
LA English

FAN.CNT 31

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5643441	A	19970701	US 1995-427512	19950424
	US 5346609	A	19940913	US 1991-745311	19910815

US 5409596	A	19950425	US 1992-850106	19920312
US 5413696	A	19950509	US 1992-891124	19920601
US 5411658	A	19950502	US 1993-133403	19931008
US 5500108	A	19960319	US 1994-303908	19940909
CA 2219137	AA	19961003	CA 1996-2219137	19960214
WO 9630463	A1	19961003	WO 1996-US1925	19960214

W: CA, KR, MX

RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE

EP 819157	A1	19980121	EP 1996-905478	19960214
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EP 819157	B1	20020123
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R: DE, FR, GB, IT

PRAI US 1991-745311	A2	19910815
US 1992-850106	A2	19920312
US 1992-891124	A2	19920601
US 1993-133403	A2	19931008
US 1994-303908	A2	19940924
US 1995-427512	A	19950424
WO 1996-US1925	W	19960214

L1 ANSWER 35 OF 65 CAPLUS COPYRIGHT 2002 ACS

AN 1997:127982 CAPLUS

DN 126:174071

TI Gasoline and reformat upgrading process

IN Collins, Nick A.; Harandi, Mohsen N.; Kondis, Edward F.; Owen, Hartley

PA Mobil Oil Corporation, USA

SO U.S., 12 pp., Cont.of U.S. Ser. No. 31, 446, abandoned.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	US 5599439	A	19970204	US 1994-322466	19941014
PRAI	US 1993-31446		19930313		

L1 ANSWER 36 OF 65 CAPLUS COPYRIGHT 2002 ACS

AN 1996:694346 CAPLUS

DN 125:304786

TI Naphtha upgrading process

IN Timken, Hye-Kyung Cho; Riedinger, Sherri Lynne

PA Mobil Oil Corporation, USA

SO PCT Int. Appl., 27 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 31

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	WO 9630463	A1	19961003	WO 1996-US1925	19960214
	W: CA, KR, MX				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5643441	A	19970701	US 1995-427512	19950424
	EP 819157	A1	19980121	EP 1996-905478	19960214
	EP 819157	B1	20020123		
	R: DE, FR, GB, IT				
PRAI	US 1995-427512	A	19950324		
	US 1991-745311	A2	19910815		
	US 1992-850106	A2	19920312		
	US 1992-891124	A2	19920601		
	US 1993-133403	A2	19931008		
	US 1994-303908	A2	19940924		
	WO 1996-US1925	W	19960214		

L1 ANSWER 37 OF 65 CAPLUS COPYRIGHT 2002 ACS

AN 1996:657533 CAPLUS

DN 125:304635

TI How will refiners meet mandates for low-sulfur gasoline

AU Gonzalez, Rene G.

CS . USA
 SO Fuel Technology & Management (1996), 6(5), 22,24
 CODEN: FTMAFH; ISSN: 1087-4003
 PB Hart Publications, Inc.
 DT Journal
 LA English

L1 ANSWER 38 OF 65 CAPLUS COPYRIGHT 2002 ACS
 AN 1996:342224 CAPLUS
 DN 125:14984
 TI Gasoline upgrading process
 IN Durand, Paul Pierce; Timken, Hye Kyung Cho
 PA Mobil Oil Corporation, USA
 SO PCT Int. Appl., 30 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 31

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9607714	A1	19960314	WO 1995-US10364	19950815
	W: CA, FI, JP, KR, MX, NO, SG				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5500108	A	19960319	US 1994-303908	19940909
	EP 781315	A1	19970702	EP 1995-929542	19950815
	EP 781315	B1	20011031		
	R: BE, DE, FR, GB, IT, NL, SE				
	JP 10505127	T2	19980519	JP 1995-509508	19950815
	NO 9701067	A	19970307	NO 1997-1067	19970307
	FI 9700973	A	19970506	FI 1997-973	19970307
PRAI	US 1994-303908	A	19940909		
	US 1991-745311	A2	19910815		
	US 1992-850106	A2	19920312		
	US 1992-891124	A2	19920601		
	US 1993-133403	A2	19931008		
	WO 1995-US10364	W	19950815		

L1 ANSWER 39 OF 65 CAPLUS COPYRIGHT 2002 ACS
 AN 1996:232064 CAPLUS
 DN 124:265383
 TI Gasoline upgrading process
 IN Durand, Paul P.; Timken, Hye K. C.
 PA Mobil Oil Corp., USA
 SO U.S., 15 pp., Cont.-in-part of U.S. 5, 411, 658.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 31

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5500108	A	19960319	US 1994-303908	19940909
	US 5346609	A	19940913	US 1991-745311	19910815
	US 5409596	A	19950425	US 1992-850106	19920312
	US 5413696	A	19950509	US 1992-891124	19920601
	US 5411658	A	19950502	US 1993-133403	19931008
	US 5643441	A	19970701	US 1995-427512	19950424
	CA 2198214	AA	19960314	CA 1995-2198214	19950815
	WO 9607714	A1	19960314	WO 1995-US10364	19950815
	W: CA, FI, JP, KR, MX, NO, SG				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	EP 781315	A1	19970702	EP 1995-929542	19950815
	EP 781315	B1	20011031		
	R: BE, DE, FR, GB, IT, NL, SE				
	JP 10505127	T2	19980519	JP 1995-509508	19950815
	NO 9701067	A	19970307	NO 1997-1067	19970307
	FI 9700973	A	19970506	FI 1997-973	19970307
PRAI	US 1991-745311	A2	19910815		
	US 1992-850106	A2	19920312		
	US 1992-891124	A2	19920601		

US 1993-133403 A2 19931008
 US 1994-303908 A2 19940924
 WO 1995-US10364 W 19950815

L1 ANSWER 40 OF 65 CAPLUS COPYRIGHT 2002 ACS
 AN 1995:733260 CAPLUS
 DN 123:118121
 TI Gasoline upgrading process
 IN Chawla, Birbal; Mazzone, Dominick Nicholas; Sarli, Michael Sebastian;
 Shih, Stuart Shan-San; Timken, Hye Kyung C.
 PA Mobil Oil Corp., USA
 SO PCT Int. Appl., 37 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 31

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9510580	A1	19950420	WO 1994-US10548	19940916
	W: AU, CA, JP				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5411658	A	19950502	US 1993-133403	19931008
	AU 9478753	A1	19950504	AU 1994-78753	19940916
	AU 691202	B2	19980514		
	EP 722479	A1	19960724	EP 1994-929833	19940916
	EP 722479	B1	20020807		
	R: BE, DE, FR, GB, IT, NL				
	JP 09503814	T2	19970415	JP 1994-511810	19940916
PRAI	US 1993-133403	A	19931008		
	US 1991-745311	A2	19910815		
	US 1992-850106	A2	19920312		
	US 1992-891124	B2	19920601		
	WO 1994-US10548	W	19940916		

L1 ANSWER 41 OF 65 CAPLUS COPYRIGHT 2002 ACS
 AN 1995:630221 CAPLUS
 DN 123:61091
 TI Two-stage hydrosulfurization-upgrading of heavy naphthas over zeolite
 mixtures for manufacture of **low-sulfur gasoline**
 IN Fletcher, David L.; Sarli, Michael S.; Shih, Stuart S.
 PA Mobil Oil Corp., USA
 SO U.S., 11 pp. Cont.-in-part of U.S. Ser. No. 850, 106.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 31

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5413697	A	19950509	US 1992-913326	19920714
	US 5346609	A	19940913	US 1991-745311	19910815
	US 5409596	A	19950425	US 1992-850106	19920312
	WO 9304146	A1	19930304	WO 1992-US6537	19920805
	W: AU, CA, JP				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE				
	AU 9224652	A1	19930316	AU 1992-24652	19920805
	AU 661863	B2	19950810		
	JP 06509830	T2	19941102	JP 1992-503932	19920805
	JP 2788348	B2	19980820		
	EP 641375	A1	19950308	EP 1992-918087	19920805
	EP 641375	B1	19971229		
	R: BE, DE, FR, GB, IT, NL				
PRAI	US 1991-745311	A2	19910815		
	US 1992-850106	A2	19920312		
	US 1992-880373	A	19920508		
	US 1992-891124	A	19920601		
	US 1992-891134	A	19920601		
	US 1992-891248	A	19920601		
	US 1992-913326	A	19920714		

US 1992-915571 A 19920715
WO 1992-US6537 A 19920805

L1 ANSWER 42 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 1995:607922 CAPLUS
DN 123:13495
TI Gasoline upgrading catalyst for improved octane and yield
IN Chawla, Birbal; Mazzone, Dominik N.; Sarli, Michael S.; Shih, Stuart S.;
Timken, Hye Kyung C.
PA Mobil Oil Corporation, USA
SO U.S., 12 pp. Cont.-in-part of U.S. Ser. No. 891,124, abandoned.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 31

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5411658	A	19950502	US 1993-133403	19931008
	US 5346609	A	19940913	US 1991-745311	19910815
	US 5409596	A	19950425	US 1992-850106	19920312
	US 5413696	A	19950509	US 1992-891124	19920601
	US 5500108	A	19960319	US 1994-303908	19940909
	CA 2172708	AA	19950420	CA 1994-2172708	19940916
	WO 9510580	A1	19950420	WO 1994-US10548	19940916
	W: AU, CA, JP				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9478753	A1	19950504	AU 1994-78753	19940916
	AU 691202	B2	19980514		
	EP 722479	A1	19960724	EP 1994-929833	19940916
	EP 722479	B1	20020807		
	R: BE, DE, FR, GB, IT, NL				
	JP 09503814	T2	19970415	JP 1994-511810	19940916
	US 5643441	A	19970701	US 1995-427512	19950424
PRAI	US 1991-745311	A2	19910815		
	US 1992-850106	A2	19920312		
	US 1992-891124	B2	19920601		
	US 1993-133403	A2	19931008		
	WO 1994-US10548	W	19940916		
	US 1994-303908	A2	19940924		

L1 ANSWER 43 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 1995:605730 CAPLUS
DN 122:318430
TI Hydrocarbon upgrading process
IN Fletcher, David L.; Sarli, Michael S.; Shih, Stuart S.
PA Mobil Oil Corporation, USA
SO U.S., 17 pp. Cont.-in-part of U.S. 5,346,609.
CODEN: USXXAM

DT Patent
LA English

FAN.CNT 31

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5409596	A	19950425	US 1992-850106	19920312
	US 5346609	A	19940913	US 1991-745311	19910815
	US 5348641	A	19940920	US 1992-880373	19920508
	US 5352354	A	19941004	US 1992-891134	19920601
	US 5407559	A	19950418	US 1992-891248	19920601
	US 5413696	A	19950509	US 1992-891124	19920601
	US 5413697	A	19950509	US 1992-913326	19920714
	US 5308471	A	19940503	US 1992-915571	19920720
	WO 9304146	A1	19930304	WO 1992-US6537	19920805
	W: AU, CA, JP				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE				
	AU 9224652	A1	19930316	AU 1992-24652	19920805
	AU 661863	B2	19950810		
	US 5290427	A	19940301	US 1992-925007	19920805
	JP 06509830	T2	19941102	JP 1992-503932	19920805
	JP 2788348	B2	19980820		

EP 641375	A1	19950308	EP 1992-918087	19920805
EP 641375	B1	19971229		
R: BE, DE, FR, GB, IT, NL				
US 5413698	A	19950509	US 1992-925001	19920805
US 5298150	A	19940329	US 1992-929544	19920813
US 5326462	A	19940705	US 1992-929543	19920813
US 5362376	A	19941108	US 1992-929542	19920813
US 5320742	A	19940614	US 1992-963229	19921019
US 5326463	A	19940705	US 1992-967322	19921028
US 5399258	A	19950321	US 1992-988492	19921210
US 5318690	A	19940607	US 1993-1681	19930107
US 5360532	A	19941101	US 1993-42189	19930402
US 5391288	A	19950221	US 1993-74572	19930610
US 5411658	A	19950502	US 1993-133403	19931008
US 5401389	A	19950328	US 1993-133942	19931012
US 5500108	A	19960319	US 1994-303908	19940909
US 5510016	A	19960423	US 1994-303909	19940909
US 5503734	A	19960402	US 1994-367670	19941230
US 5643441	A	19970701	US 1995-427512	19950424
PRAI US 1991-745311	A2	19910815		
US 1992-850106	A2	19920312		
US 1992-880373	A	19920508		
US 1992-891124	A	19920601		
US 1992-891134	A	19920601		
US 1992-891248	A	19920601		
US 1992-913326	A	19920714		
US 1992-915571	A	19920715		
WO 1992-US6537	A	19920805		
US 1992-949926	B1	19920924		
US 1992-961592	B2	19921015		
US 1993-133403	A2	19931008		
US 1994-303908	A2	19940924		

L1 ANSWER 44 OF 65 CAPLUS COPYRIGHT 2002 ACS

AN 1995:599690 CAPLUS

DN 123:36955

TI Hydrocarbon upgrading process in gasoline production with increased octane number

IN Fletcher, David L.; Harandi, Mohsen N.; Sarli, Michael S.; Shih, Stuart S.

PA Mobil Oil Corp., USA

SO U.S., 9 pp. Cont.-in-part of U.S. Ser. No. 850,106.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 31

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5413698	A	19950509	US 1992-925001	19920805
	US 5346609	A	19940913	US 1991-745311	19910815
	US 5409596	A	19950425	US 1992-850106	19920312
PRAI	US 1991-745311	A2	19910815		
	US 1992-850106	A2	19920312		

L1 ANSWER 45 OF 65 CAPLUS COPYRIGHT 2002 ACS

AN 1995:591496 CAPLUS

DN 122:318442

TI Gasoline upgrading process

IN Degnan, Thomas F.; Shih, Stuart S.

PA Mobil Oil Corp., USA

SO U.S., 8 pp. Cont.-in-part of U.S. Ser. No. 850,106.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 31

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5407559	A	19950418	US 1992-891248	19920601
	US 5346609	A	19940913	US 1991-745311	19910815
	US 5409596	A	19950425	US 1992-850106	19920312

WO 9304146 A1 19930304 WO 1992-US6537 19920805
W: AU, CA, JP
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE
AU 9224652 A1 19930316 AU 1992-24652 19920805
AU 661863 B2 19950810
JP 06509830 T2 19941102 JP 1992-503932 19920805
JP 2788348 B2 19980820
EP 641375 A1 19950308 EP 1992-918087 19920805
EP 641375 B1 19971229
R: BE, DE, FR, GB, IT, NL
PRAI US 1991-745311 A2 19910815
US 1992-850106 A2 19920312
US 1992-880373 A 19920508
US 1992-891124 A 19920601
US 1992-891134 A 19920601
US 1992-891248 A 19920601
US 1992-913326 A 19920714
US 1992-915571 A 19920715
WO 1992-US6537 A 19920805

L1 ANSWER 46 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 1995:591454 CAPLUS
DN 122:318429
TI Gasoline-cycle oil upgrading process
IN Mazzone, Dominick N.; Tabak, Samual A.; Timken, Hye Kyung C.
PA Mobil Oil Corporation, USA
SO U.S., 10 pp. Cont.-in-part of U.S. Ser. No. 891,124.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 31

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5401389	A	19950328	US 1993-133942	19931012
	US 5346609	A	19940913	US 1991-745311	19910815
	US 5409596	A	19950425	US 1992-850106	19920312
	US 5413696	A	19950509	US 1992-891124	19920601
	WO 9510579	A1	19950420	WO 1994-US10704	19940921
	W: AU, CA, JP				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9478400	A1	19950504	AU 1994-78400	19940921
PRAI	US 1991-745311	A2	19910815		
	US 1992-850106	A2	19920312		
	US 1992-891124	A2	19920601		
	US 1993-133942	A	19931012		
	WO 1994-US10704	W	19940921		

L1 ANSWER 47 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 1995:589517 CAPLUS
DN 122:318428
TI Hydrocarbon upgrading process
IN Fletcher, David L.; Sarli, Michael S.; Shih, Stuart S.; McGovern, Stephen J.; Diez, Douglas S.; Harandi, Mohsen N.; Hilbert, Timothy L.
PA Mobil Oil Corp., USA
SO U.S., 13 pp. Cont.-in-part of U.S. Ser. No. 850,106.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 31

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5399258	A	19950321	US 1992-988492	19921210
	US 5346609	A	19940913	US 1991-745311	19910815
	US 5409596	A	19950425	US 1992-850106	19920312
PRAI	US 1991-745311	A2	19910815		
	US 1992-850106	A2	19920312		

L1 ANSWER 48 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 1995:551140 CAPLUS

DN .122:269858
TI Gasoline upgrading process
IN Timken, Hye K. C.
PA Mobil Oil Corp., USA
SO U.S., 13 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	US 5397455	A	19950314	US 1993-104691	19930811

L1 ANSWER 49 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 1995:543599 CAPLUS
DN 122:269855
TI Gasoline upgrading process involving hydrodesulfurization
IN Collins, Nick A.; Durand, Paul P.; Fletcher, David L.; Harandi, Mohsen N.;
Kondis, Edward F.; Owen, Hartley; Sarli, Michael S.; Shih, Stuart S.
PA Mobil Oil Corp., USA
SO U.S., 14 pp. Cont.-in-part of U.S. Ser. No. 961,592, abandoned.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 31

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	US 5391288	A	19950221	US 1993-74572	19930610
	US 5346609	A	19940913	US 1991-745311	19910815
	US 5409596	A	19950425	US 1992-850106	19920312
PRAI	US 1991-745311	A2	19910815		
	US 1992-850106	A2	19920312		
	US 1992-961592	B2	19921015		

L1 ANSWER 50 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 1995:255540 CAPLUS
DN 122:34969
TI Gasoline upgrading process using large crystal intermediate pore size
zeolites
IN Shih, Stuart S.; Angevine, Philip J.
PA Mobil Oil Corp., USA
SO U.S., 9 pp. Cont.-in-part of U.S. Ser. No. 850,106.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 31

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	US 5362376	A	19941108	US 1992-929542	19920813
	US 5346609	A	19940913	US 1991-745311	19910815
	US 5409596	A	19950425	US 1992-850106	19920312
PRAI	US 1991-745311	A2	19910815		
	US 1992-850106	A2	19920312		

L1 ANSWER 51 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 1995:229383 CAPLUS
DN 122:34966
TI Gasoline upgrading process
IN Fletcher, David L.; McGovern, Stephen J.; Sauer, John E.
PA Mobil Oil Corp., USA
SO U.S., 12 pp. Cont.-in-part of U.S. Ser. No. 745,311.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 31

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	US 5360532	A	19941101	US 1993-42189	19930402
	US 5346609	A	19940913	US 1991-745311	19910815

US 5409596 A 19950425 US 1992-850106 19920312
 WO 9422980 A1 19941013 WO 1994-US2085 19940228
 W: AU, CA, FI, JP, NO
 RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
 AU 9463540 A1 19941024 AU 1994-63540 19940228
 PRAI US 1991-745311 A2 19910815
 US 1992-850106 A2 19920312
 US 1993-42189 A 19930402
 WO 1994-US2085 W 19940228

L1 ANSWER 52 OF 65 CAPLUS COPYRIGHT 2002 ACS
 AN 1994:704447 CAPLUS
 DN 121:304447
 TI Gasoline upgrading process
 IN Fletcher, David Lee; McGovern, Stephen James; Sauer, John Ernest
 PA Mobil Oil Corp., USA
 SO PCT Int. Appl., 43 pp.
 CODEN: PIXXD2

DT Patent
 LA English

FAN.CNT 31

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9422980	A1	19941013	WO 1994-US2085	19940228
	W: AU, CA, FI, JP, NO				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5360532	A	19941101	US 1993-42189	19930402
	AU 9463540	A1	19941024	AU 1994-63540	19940228
PRAI	US 1993-42189	A	19930402		
	US 1991-745311	A2	19910815		
	US 1992-850106	A2	19920312		
	WO 1994-US2085	W	19940228		

L1 ANSWER 53 OF 65 CAPLUS COPYRIGHT 2002 ACS
 AN 1994:683403 CAPLUS
 DN 121:283403
 TI Gasoline upgrading process using an acid catalyst after
 hydrodesulfurization
 IN Fletcher, David L.; Hilbert, Timothy L.; McGovern, Stephen J.; Sarli,
 Michael S.; Shih, Stuart S.
 PA Mobil Oil Corp., USA
 SO U.S., 13 pp. Cont.-in-part of U.S. Ser. No. 745,311.
 CODEN: USXXAM

DT Patent
 LA English

FAN.CNT 31

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5352354	A	19941004	US 1992-891134	19920601
	US 5346609	A	19940913	US 1991-745311	19910815
	US 5409596	A	19950425	US 1992-850106	19920312
	WO 9304146	A1	19930304	WO 1992-US6537	19920805
	W: AU, CA, JP				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE				
	AU 9224652	A1	19930316	AU 1992-24652	19920805
	AU 661863	B2	19950810		
	JP 06509830	T2	19941102	JP 1992-503932	19920805
	JP 2788348	B2	19980820		
	EP 641375	A1	19950308	EP 1992-918087	19920805
	EP 641375	B1	19971229		
	R: BE, DE, FR, GB, IT, NL				
PRAI	US 1991-745311	A2	19910815		
	US 1992-850106	A2	19920312		
	US 1992-880373	A	19920508		
	US 1992-891124	A	19920601		
	US 1992-891134	A	19920601		
	US 1992-891248	A	19920601		
	US 1992-913326	A	19920714		
	US 1992-915571	A	19920715		

L1 ANSWER 54 OF 65 CAPLUS COPYRIGHT 2002 ACS
 AN 1994:659452 CAPLUS
 DN 121:259452
 TI Gasoline upgrading process
 IN Shih, Stuart S.
 PA Mobil Oil Corporation, USA
 SO U.S., 8 pp. Cont.-in-part of U.S. Ser. No 850,106.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 31

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5348641	A	19940920	US 1992-880373	19920508
	US 5346609	A	19940913	US 1991-745311	19910815
	US 5409596	A	19950425	US 1992-850106	19920312
	WO 9304146	A1	19930304	WO 1992-US6537	19920805
	W: AU, CA, JP				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE				
	AU 9224652	A1	19930316	AU 1992-24652	19920805
	AU 661863	B2	19950810		
	JP 06509830	T2	19941102	JP 1992-503932	19920805
	JP 2788348	B2	19980820		
	EP 641375	A1	19950308	EP 1992-918087	19920805
	EP 641375	B1	19971229		
	R: BE, DE, FR, GB, IT, NL				
PRAI	US 1991-745311	A2	19910815		
	US 1992-850106	A2	19920312		
	US 1992-880373	A	19920508		
	US 1992-891124	A	19920601		
	US 1992-891134	A	19920601		
	US 1992-891248	A	19920601		
	US 1992-913326	A	19920714		
	US 1992-915571	A	19920715		
	WO 1992-US6537	A	19920805		

L1 ANSWER 55 OF 65 CAPLUS COPYRIGHT 2002 ACS
 AN 1994:513104 CAPLUS
 DN 121:113104
 TI Gasoline upgrading process
 IN Fletcher, David L.; Hilbert, Timothy L.; Sarli, Michael S.; Shih, Stuart S.
 PA Mobil Oil Corp., USA
 SO U.S., 9 pp. Cont.-in-part of U.S. Ser. No. 850,106.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 31

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5326463	A	19940705	US 1992-967322	19921028
	US 5346609	A	19940913	US 1991-745311	19910815
	US 5409596	A	19950425	US 1992-850106	19920312
	WO 9410262	A1	19940511	WO 1993-US10389	19931028
	W: AU, CA, JP				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9455429	A1	19940524	AU 1994-55429	19931028
PRAI	US 1991-745311	A2	19910815		
	US 1992-850106	A2	19920312		
	US 1992-967322	A	19921028		
	WO 1993-US10389	W	19931028		

L1 ANSWER 56 OF 65 CAPLUS COPYRIGHT 2002 ACS
 AN 1994:513103 CAPLUS
 DN 121:113103
 TI Gasoline upgrading process
 IN Shih, Stuart S-S; Keville, Kathleen M.; Lissy, Daria N.

PA Mobil Oil Corp., USA
SO U.S., 10 pp. Cont.-in-part of U.S. Ser. No. 850,106.
CODEN: USXXAM

DT Patent
LA English
FAN.CNT 31

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5326462	A	19940705	US 1992-929543	19920813
	US 5346609	A	19940913	US 1991-745311	19910815
	US 5409596	A	19950425	US 1992-850106	19920312
PRAI	US 1991-745311	A2	19910815		
	US 1992-850106	A2	19920312		

L1 ANSWER 57 OF 65 CAPLUS COPYRIGHT 2002 ACS

AN 1994:487372 CAPLUS

DN 121:87372

TI Gasoline upgrading process

IN Fletcher, David L.; Hilbert, Timothy L.; Pappal, David A.; Rumsey, David W.; Teitman, Gerald J.

PA Mobil Oil Corporation, USA

SO U.S., 11 pp. Cont.-in-part of U.S. Ser. No. 850,106.

CODEN: USXXAM

DT Patent
LA English
FAN.CNT 31

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5320742	A	19940614	US 1992-963229	19921019
	US 5346609	A	19940913	US 1991-745311	19910815
	US 5409596	A	19950425	US 1992-850106	19920312
	CA 2145530	AA	19940428	CA 1993-2145530	19931019
	WO 9409090	A1	19940428	WO 1993-US9956	19931019
	W: AU, CA, JP				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9454069	A1	19940509	AU 1994-54069	19931019
	AU 668446	B2	19960502		
	EP 664827	A1	19950802	EP 1993-924351	19931019
	EP 664827	B1	19990331		
	R: BE, DE, FR, GB, IT, NL				
	JP 08502533	T2	19960319	JP 1993-510332	19931019
PRAI	US 1991-745311	A2	19910815		
	US 1992-850106	A2	19920312		
	US 1992-963229	A	19921019		
	WO 1993-US9956	W	19931019		

L1 ANSWER 58 OF 65 CAPLUS COPYRIGHT 2002 ACS

AN 1994:461284 CAPLUS

DN 121:61284

TI Gasoline upgrading process

IN Fletcher, David L.; Hilbert, Timothy L.; McGovern, Stephen J.; Sauer, John E.

PA Mobil Oil Corp., USA

SO U.S., 11 pp. Cont.-in-part of U.S. Ser. No. 850,106.

CODEN: USXXAM

DT Patent
LA English
FAN.CNT 31

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5318690	A	19940607	US 1993-1681	19930107
	US 5346609	A	19940913	US 1991-745311	19910815
	US 5409596	A	19950425	US 1992-850106	19920312
	WO 9416036	A1	19940721	WO 1994-US203	19940106
	W: AU, CA, JP				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9460222	A1	19940815	AU 1994-60222	19940106
PRAI	US 1991-745311	A2	19910815		
	US 1992-850106	A2	19920312		

US 1993-1681 A 19930107
WO 1994-US203 W 19940106

L1 , ANSWER 59 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 1994:438996 CAPLUS
DN 121:38996
TI Hydrocarbon upgrading process
IN Apelian, Minas R.; Fletcher, David L.; Sarli, Michael S.; Shih, Stuart S.
PA Mobil Oil Corp., USA
SO U.S., 9 pp. Cont.-in-part of U.S. Ser. No. 850,106.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 31

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5308471	A	19940503	US 1992-915571	19920720
	US 5346609	A	19940913	US 1991-745311	19910815
	US 5409596	A	19950425	US 1992-850106	19920312
	WO 9304146	A1	19930304	WO 1992-US6537	19920805
	W: AU, CA, JP				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE				
	AU 9224652	A1	19930316	AU 1992-24652	19920805
	AU 661863	B2	19950810		
	JP 06509830	T2	19941102	JP 1992-503932	19920805
	JP 2788348	B2	19980820		
	EP 641375	A1	19950308	EP 1992-918087	19920805
	EP 641375	B1	19971229		
	R: BE, DE, FR, GB, IT, NL				
PRAI	US 1991-745311	A2	19910815		
	US 1992-850106	A2	19920312		
	US 1992-880373	A	19920508		
	US 1992-891124	A	19920601		
	US 1992-891134	A	19920601		
	US 1992-891248	A	19920601		
	US 1992-913326	A	19920714		
	US 1992-915571	A	19920715		
	WO 1992-US6537	A	19920805		

L1 ANSWER 60 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 1994:413654 CAPLUS
DN 121:13654
TI Gasoline upgrading process
IN Fletcher, David Lee; Hilbert, Timothy Lee; Sarli, Michael Sebastian; Shih, Stuart Shan San
PA Mobil Oil Corp., USA
SO PCT Int. Appl., 29 pp.
CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 31

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9410262	A1	19940511	WO 1993-US10389	19931028
	W: AU, CA, JP				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5326463	A	19940705	US 1992-967322	19921028
	AU 9455429	A1	19940524	AU 1994-55429	19931028
PRAI	US 1992-967322	A	19921028		
	US 1991-745311	A2	19910815		
	US 1992-850106	A2	19920312		
	WO 1993-US10389	W	19931028		

L1 ANSWER 61 OF 65 CAPLUS COPYRIGHT 2002 ACS
AN 1994:275184 CAPLUS
DN 120:275184
TI Gasoline upgrading process
IN Fletcher, David L.; Sarli, Michael S.; Shih, Stuart S. S.; Keville, Kathleen M.; Lissy, Daria N.

PA Mobil Oil Corp., USA
SO U.S., 11 pp. Cont.-in-part of U.S. Ser. No. 850,106.
CODEN: USXXAM

DT Patent
LA English

FAN.CNT 31

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5298150	A	19940329	US 1992-929544	19920813
	US 5346609	A	19940913	US 1991-745311	19910815
	US 5409596	A	19950425	US 1992-850106	19920312
PRAI	US 1991-745311	A2	19910815		
	US 1992-850106	A2	19920312		

L1 ANSWER 62 OF 65 CAPLUS COPYRIGHT 2002 ACS

AN 1994:222196 CAPLUS

DN 120:222196

TI Gasoline upgrading process

IN Fletcher, David L.; Hilbert, Timothy L.; Sarli, Michael S.; Shih, Stuart S.

PA Mobil Oil Corp., USA

SO U.S., 16 pp. Cont.-in-part of U.S. Ser. No. 850,106.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 31

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5290427	A	19940301	US 1992-925007	19920805
	US 5346609	A	19940913	US 1991-745311	19910815
	US 5409596	A	19950425	US 1992-850106	19920312
PRAI	US 1991-745311	A2	19910815		
	US 1992-850106	A2	19920312		

L1 ANSWER 63 OF 65 CAPLUS COPYRIGHT 2002 ACS

AN 1993:452655 CAPLUS

DN 119:52655

TI Hydrocarbon upgrading process

IN Apelian, Minas Robert; Collins, Nick Allen; Degnan, Thomas Francis, Jr.; Fletcher, David Lee; Harandi, Mohsen Nadimi; Hilbert, Timothy Lee; Kondis, Edward Frank; McGovern, Stephen James; Owen, Hartley; et al.

PA Mobil Oil Corp., USA

SO PCT Int. Appl., 121 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 31

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9304146	A1	19930304	WO 1992-US6537	19920805
	W: AU, CA, JP				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE				
	US 5346609	A	19940913	US 1991-745311	19910815
	US 5409596	A	19950425	US 1992-850106	19920312
	US 5348641	A	19940920	US 1992-880373	19920508
	US 5352354	A	19941004	US 1992-891134	19920601
	US 5407559	A	19950418	US 1992-891248	19920601
	US 5413696	A	19950509	US 1992-891124	19920601
	US 5413697	A	19950509	US 1992-913326	19920714
	US 5308471	A	19940503	US 1992-915571	19920720
	AU 9224652	A1	19930316	AU 1992-24652	19920805
	AU 661863	B2	19950810		
	JP 06509830	T2	19941102	JP 1992-503932	19920805
	JP 2788348	B2	19980820		
	EP 641375	A1	19950308	EP 1992-918087	19920805
	EP 641375	B1	19971229		
	R: BE, DE, FR, GB, IT, NL				
PRAI	US 1991-745311	A	19910815		
	US 1992-850106	A	19920312		

. US 1992-880373 A 19920508
 . US 1992-891124 A 19920601
 US 1992-891134 A 19920601
 , US 1992-891248 A 19920601
 US 1992-913326 A 19920714
 US 1992-915571 A 19920715
 WO 1992-US6537 A 19920805

L1 ANSWER 64 OF 65 CAPLUS COPYRIGHT 2002 ACS
 AN 1991:188891 CAPLUS
 DN 114:188891
 TI Hydrofining of **low-sulfur gasoline** fractions
 IN Pishchalov, Yu. V.; Aritkulov, Kh. Kh.; Kutlugil'din, N. Z.; Shapiro, R.
 N.; Glozshtein, A. Ya.; Kraev, Yu. L.
 PA "Lenneftekhim" Scientific-Industrial Enterprises, USSR
 SO U.S.S.R.
 From: Otkrytiya, Izobret. 1990, (48), 92-3.
 CODEN: URXXAF

DT Patent
 LA Russian

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	SU 1616964	A1	19901230	SU 1988-4495241	19881017

L1 ANSWER 65 OF 65 CAPLUS COPYRIGHT 2002 ACS
 AN 1975:549822 CAPLUS
 DN 83:149822
 TI Production of **low-sulfur gasoline**
 AU Hoot, W. F.
 CS Kellogg (M. W.) Co., Houston, Tex., USA
 SO U. S. NTIS, AD-A Rep. (1974), No. 240558, 149 pp. Avail.: NTIS
 From: Gov. Rep. Announce. Index (U. S.) 1975, 75(13), 63
 CODEN: XTSRDM

DT Report; General Review
 LA English